Yaosheng LOU

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EDUCATION

Expected, May 2026
Ph.D., Educational Psychology and Methodology
University at Albany, State University of New York (SUNY)
>Dissertation: *Performance of ChatGPT in the Preparation of Single Case Design Meta-analysis: a Monte Carlo simulation study*
>Committee: Mariola Moeyaert (Chair), Benjamin G Solomon, Xin Li

2021
M.S., Educational Psychology and Methodology
University at Albany, SUNY
>Thesis: *Personality Traits, Test Anxiety, Resilience and Academic Performance Among University Students: a moderated mediation model*

2020
B.S., Psychology
Emporia State University
>Minors: Computer Science, Rehabilitation and Disability Studies

2018
B.S., Applied Psychology
Liaoning Normal University, China

PUBLICATIONS

Moeyaert, M., **Lou, Y.**, Fingerhut, J., Yang, P., Miočević, M., & Valente, M. (In Press). Systematic Review of Single-Case Designs to Identify Potential Mediator Characteristics. *Behavioral Education*.

Lou, Y. & Colvin, K. F. (2025). A Comparative Study of Traditional Regression Analysis and Random Forest in Educational Psychology. *Discover Education, 4(1), 1-14.* https://doi.org/10.1007/s44217-025-00502-w

Moeyaert, M., Yang, P., Xue, Y., & **Lou, Y.** (2024). Imbalances in Two-Level Hierarchical Linear Modeling of Single-Case Data: A Monte Carlo Simulation Study. *The Journal of Experimental Education*, 1-21. https://doi.org/10.1080/00220973.2024.2394951

Lou, Y. & Sun, Q (2021). Over-reliance on Database: A case study of Web of Science. *Human Behavior and Emerging Technologies, 3*(3), 454-459. https://doi.org/10.1002/hbe2.266

Yan, Z., Xue, Y., & **Lou, Y.** (2021). Risk and protective factors for intuitive and rational judgment of cybersecurity risks in a large sample of K-12 students and teachers. *Computers in Human Behavior, 121*, 106791. https://doi.org/10.1016/j.chb.2021.106791

Yan, Z., Robertson, W., **Lou, Y.**, Robertson, T. W., & Park, S. Y. (2021). Finding leading scholars in mobile phone behavior: a mixed-method analysis of an emerging interdisciplinary field. *Scientometrics*, 1-19. https://doi.org/10.1007/s11192-021-04184-7

Yan, Z., Yang, P., Xue, Y., **Lou, Y.**, & Melissa, N. (2021). Validity and Reliability of Cybersecurity Judgment Questionnaire for Middle and High School Students: A Validation Study with Rasch Analysis. *Human Behavior and Emerging Technologies,*

3(5), 776-787. https://doi.org/10.1002/hbe2.312

CONFERENCE PAPERS AND PRESENTATIONS

Colvin, K. F., Park, S., **Lou, Y.**, Schlomer, G., & Park, Y. (2025, April). *Using AI tools to support scale development*. [Paper presentation]. Annual Meeting of the National Council on Measurement in Education, Denver, CO.

Lou, Y., Moeyaert, M., Yang, P., Xue, Y., (2024). *Empirical Investigation of the Impact of Imbalanced Moderators in Single-Case Multilevel Analysis: A Monte Carlo Simulation Study.* [Poster presentation]. Annual Meeting of American Educational Research Association, Philadelphia, PA.

Lou, Y. (2019). *Color Versus Black/White and College Students' Preference of Picture.* [Poster presentation]. 39th Annual Great Plains Students' Psychology Convention, Springfield, MO.

TEACHING EXPERIENCE

Fa 2023- Fa 2024	Instructor, Educational Psychology and Methodology, University at Albany, SUNY *Statistics Human Development*, 2 sections *Understanding Research in Human Development*, 1 section
Fa 2022& Sp 2024	Teaching Assistant, Educational Psychology and Methodology, University at Albany, SUNY Served as an instructor for faculty on maternity leave *Statistical Methods I*, graduate level. 1 section fully instructed, 1 section instructed half of course *Regression*, graduate level, 1 section instructed half of course
Fa 2022- Present	Teaching Assistant, Educational Psychology and Methodology, University at Albany, SUNY Served as a grader, duties included grading assignments, maintaining office hours and holding review sessions. *Introduction to Education Psychology*, 1 section *Statistical Methods I*, graduate level, 1 section *Statistical Methods II*, graduate level, 1 section *Regression*, graduate level, 2 section *Multivariate Methods for Research*, graduate level, 1 section

RESEARCH EXPERIENCE

2020- Present	Research Assistant, Educational Psychology and Methodology, University at Albany, SUNY
2021	Research Assistant, Research Foundation, University at Albany, SUNY Principal Investigator: Dr. Zheng Yan Grant Project: Al-Enabled Privacy Control for Emerging Challenges in Intelligent Online Educational Environments
2024- Present	Intern, Office of State Assessment, New York State Education Department Use item response theory to evaluate Grades 3-8 tests and develop automated

procedures for data extraction and analysis.

2023   Data Scientist, Institutional Research Department, Schenectady County Community College, SUNY
Developed models to predict students' likelihood of retention.

GRANTS & AWARDS

May 2025	Jean Edgecumbe Groff '38 Graduate Scholarship, University at Albany, SUNY Awarded to graduate student who demonstrates academic merit ($1000)
May 2024	Joshua S. Smith & Yun dih Chia-Smith Professional Development Travel Award, University at Albany, SUNY Awarded to support travel to a national professional conference ($1000)
May 2023	Alice Clark Long Scholarship, University at Albany, SUNY Awarded to graduate student who plans to teach ($1000)
May 2021	Van Slyke Scholarship, University at Albany, SUNY Awarded to students demonstrating steady academic performance ($1000)

PROFESSIONAL AND UNIVERSITY SERVICE

2021-Present	Ad-Hoc Reviewer *Human Behavior and Emerging Technologies*, 3 manuscripts *The Journal of Experimental Education*, 1 manuscript *Computers in Human Behavior*, 2 manuscripts
2022-2023	Vice President, Registered Graduate Student Organization of Educational Psychology and Methodology, University at Albany, SUNY Duties included organizing social events and recruiting professors for brown bag sessions
2022-2024	Assembly Representative, Registered Graduate Student Organization of the Sky Happiness Club, University at Albany, SUNY Duties included designing meditation activities and providing faculty with guidance on incorporating mindfulness events into their classes.
Fa 2023	Self-regulated Learning Develop Project, Educational Psychology and Methodology, University at Albany, SUNY Mentored undergraduates in stress management, personal development, and academic success.

SKILLS

Statistical Software: SPSS, RStudio, SAS, Winsteps, MPlus
Experimental Design Software: E-Prime
Programming Language: C++, Python

PROFESSIONAL MEMBERSHIPS

American Educational Research Association
National Council on Measurement in Education